

Arbovirus Cases in Virginia for 2015 as of 10/28/2015

Humans- Arbovirus Cases in Virginia for 2015

Location by Health Region	Arbovirus	Number of Cases	Case Status	Illness Onset Date of First Case	Illness Onset Date of Most Recent Case	Imported
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West Nile Virus (WNV) Human Illness

Northwest	WNV	1	Confirmed 1	9/16/15	9/16/15	
Northern	WNV	14	Confirmed 4*, Probable 10	6/8/15	9/14/15	
Southwest	WNV	1	Probable 1	6/22/15	6/22/15	
Central	WNV	2	Probable 2	8/30/15	9/1/15	
Eastern	WNV	2	Confirmed 1, Probable 1	8/16/15	9/15/15	

Total WNV Cases 20 * 1 fatality

West Nile Virus (WNV) Nonsymptomatic Infected Blood Donors

Northern	WNV	3	Donation Dates: 9/29/15, 10/14/15, 10/19/15			
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Dengue Fever (DEN)

Location by Health Region	Arbovirus	Number of Cases	Case Status	Illness Onset Date of First Case	Illness Onset Date of Most Recent Case	Imported
Northwest	DEN	1	Probable 1	8/2/15	8/2/15	Texas
Northern	DEN	16	Confirmed 1, Probable 15	1/3/15	10/5/15	Bangladesh 1, Bolivia 1, Brazil 3, El Salvador 7, Haiti 1, India 1, Mexico 1, Sri Lanka 1
Central	DEN	1	Probable 1	6/27/15	6/27/15	Haiti

Total DEN Cases 18

Chikungunya (CHIK)

Location by Health Region	Arbovirus	Number of Cases	Case Status	Illness Onset Date of First Case	Illness Onset Date of Most Recent Case	Imported
Northwest	CHIK	2	Confirmed 2	4/2/15	8/10/15	Honduras, Nicaragua
Northern	CHIK	15	Confirmed 3, Probable 12	1/1/15	8/22/15	Bolivia 1, Columbia 1, El Salvador 4, Guatemala 3, Honduras 4, Nicaragua 2
Central	CHIK	3	Confirmed 1, Probable 2	7/17/15	7/29/15	El Salvador, Mexico, Nicaragua
Eastern	CHIK	2	Confirmed 1, Probable 1	2/15/15	7/15/15	El Salvador, Puerto Rico

Total CHIK Cases 22

Equines and Other Animal- Arbovirus Cases in Virginia (WNV and EEE) for 2015

Location by County/City or Health District	Arbovirus	Species	Number Positive	Recovered/Recovering/ Euthanized/Died	Illness Onset Date of First Animal
Chesapeake	EEE	Equine	3	Euthanized	6/27/15
Orange	WNV	Equine	1	Recovering	8/3/15

Total Positives

4

Arboviral Infections in Sentinel Chickens in Virginia for 2015; samples tested for WNV and EEE

Location by County/City or Health District	Total EEE Positive Chickens	Total EEE Positive Flocks	Date First EEE Positive Sample Collected	Date Last EEE Positive Sample Collected	Total WNV Positive Chickens	Total WNV Positive Flocks	First WNV Positive Sample Collected	Last WNV Positive Sample Collected
Chesapeake	9	6	7/6/15	9/21/15	10	5	7/27/15	10/5/15
Norfolk	1	1	7/13/15	7/13/15	5	3	9/8/15	9/28/15
Suffolk	7	6	7/13/15	9/21/15	11	4	7/27/15	10/5/15
Virginia Beach	2	2	7/20/15	8/17/15	1	1	9/8/15	9/8/15

Total Positives

19

15

27

13

Arboviral Infections in Mosquitoes in Virginia, 2015; pooled mosquitoes tested for WNV and/or EEE

Location by County/City or Health District	Arbovirus EEE Positive	Arbovirus WNV Positive	Mosquito Species	Collection Date for First EEE Positive Pool	Collection Date for Last EEE Positive Pool	Collection Date for First WNV Positive Pool	Collection Date for Last WNV Positive Pool
Alexandria		70	<i>Cx. pip./res.</i>			6/22/15	9/23/15
Chesapeake	11		<i>Cs. mel.</i>	7/2/15	8/13/15	7/15/15	8/5/15
		4	<i>Cs. mel.</i>				
Fairfax		458	<i>Cx. pip./res.</i>			6/16/15	9/17/15
		2	<i>Cx. spp.</i>				
Henrico		5	<i>Cx. pip./res.</i>			7/15/15	9/4/15
Norfolk		12	<i>Cx. pip./res.</i>			8/13/15	9/9/15
Prince William County		271	<i>Cx. pip./res.</i>			6/2/15	10/9/15
		1	<i>Ae. albo.</i>				
Suffolk	41		<i>Cs. mel.</i>	7/1/15	8/19/15	6/18/15	9/2/15
		3	<i>Cs. mel.</i>				
		2	<i>Cx. pip./res.</i>				
Virginia Beach		20	<i>Cx. pip./res.</i>			7/20/15	9/9/15

Total Positives

52

848

Mosquito Species

Cx. pip. = *Culex pipiens*

Cx. rest. = *Culex restuans*

Cs. mel. = *Culiseta melanura*

Ae. albo. = *Aedes albopictus*

Cx. spp. = *Culex species* unspecified

Cx. pip/res. = *Culex pipiens/restuans*

Cx. err. = *Culex erraticus*